BPO NO: 001B0400302 **PRINT DATE:** 10/20/09

PAGE: 01

SHIP TO:

AS SPECIFIED ON INDIVIDUAL ORDERS

VENDOR ID: 1521892091

CUMMINS CHESAPEAKE POWER SYSTEM INC

1907 PARK 100 DR

GLEN BURNIE, MD

(410) 762-1423

REFER QUESTIONS TO:

LINDA RULEY

(410)767-4608

LINDA.RULEY@DGS.STATE.MD.US

ITB:

EXPR DATE: 07/31/10 | DISCOUNT TERMS: .

21061-9930|

POST DATE: 10/20/09 CONTRACT AMOUNT:

NET 30 DAY

.00

TERMS:

ARTICLES HEREIN ARE EXEMPT FROM MARYLAND SALES AND USE TAXES BY EXEMPTION CERTIFICATE NUMBER 3000256-3 AND FROM FEDERAL EXCISE TAXES BY EXEMPTION NUMBER 52-73-0358K. IT IS THE VENDOR'S RESPONSIBILITY TO ADVISE COMMON CARRIERS THAT AGENCIES OF THE STATE OF MARYLAND ARE EXEMPT FROM TRANSPORTATION TAX.

PER SOLICITATION #001IT817692

VENDOR CONTACT: KEVIN BENSON 410-590-8700

STATEWIDE CONTRACT SUPPLY ONLY DIESEL EMISSIONS CONTROL DEVICES

SCOPE OF CONTRACT: REQUIREMENTS CONTRACT FOR SUPPLYING THE USING AUTHORITY WITH THEIR NEEDS FOR DIESEL EMISSION CONTROL DEVICES FOR HEAVY-DUTY DIESEL VEHICLES OWNED AND OPERATED BY STATE AGENCIES AND LOCAL GOVERNMENTS WITHIN THE STATE OF MARYLAND FOR THE CONTRACT PERIOD SPECIFIED.

RELEASES SHALL BE MADE AS REQUESTED BY THE USING AUTHORITY ON AN "AS-REQUIRED" BASIS.

CONTRACT PERIOD: AUGUST 1, 2009 THROUGH JULY 31, 2010.

THE TERM OF THE CONTRACT WILL BE A PERIOD OF ONE (1) YEAR BEGINNING FROM DATE OF AWARD. THE STATE RESERVES THE UNILATERAL OPTION TO RENEW THE CONTRACT FOR ONE (1) ADDITIONAL CONTRACT PERIOD.

BPO NO: 001B0400302

PRINT DATE: 10/20/09 **PAGE:** 02

TERMS (cont'd):

NOTE: RENEWAL OPTIONS ARE AT THE DISCRETION OF THE STATE AND THE CONTRACTOR WILL NOT BE RELIEVED OF THE COMMITMENT TO RENEW THE CONTRACT. PRICES SUBMITTED AT THE TIME OF THE BID MUST REFLECT THE POTENTIAL INCREASES THROUGH THE TERM AND THE OUT YEARS OF THE CONTRACT.

CONTRACT SHALL REMAIN IN EFFECT FOR THE TIME PERIOD SPECIFIED UNLESS THE CONTRACT IS TERMINATED BY THE BUREAU. THE BUREAU MAY TERMINATE ANY CONTRACT WITHOUT SHOWING CAUSE UPON THIRTY (30) DAYS WRITTEN NOTICE TO THE CONTRACTOR.

THIS CONTRACT IS TO BE A FIRM FIXED PRICE CONTRACT. CONTAINED HEREIN SHALL BE FIRM FOR THE ENTIRE CONTRACT PERIOD.

ALL PRICES ARE F.O.B. DESTINATION TO ANY POINT WITHIN THE OF MARYLAND. PRICES INCLUDE SHIPPING HANDLING AND ADMINISTRATIVE CHARGES UNLESS OTHERWISE SPECIFIED ON THE LINE ITEM.

PAYMENT TERMS ARE NET, 30 DAYS.

QUANTITIES ARE ESTIMATES ONLY AND ARE NOT TO BE CONSTRUED AS ANY MINIMUM OR MAXIMUM GUARANTEE. USAGE WILL BE FOR THE ACTUAL REQUIREMENTS OF THE STATE AND MAY VARY APPRECIABLY FROM THE ESTIMATED OUANTITIES.

ALL PARTS OFFERED MUST BE EPA APPROVED. THE EPA LIST OF VERIFIED RETROFIT TECHNOLOGIES CAN BE FOUND AT WWW.EPA.GOV/OTAQ/RETROFIT/ RETROVERIFIEDLIST.HTM IN ADDITION TO THE ABOVE LIST OF EPA VERIFIED RETROFIT TECHNOLOGIES, EPA RECOGNIZES AND ACCEPTS THOSE RETROFIT HARDWARE STRATEGIES OR DEVICE-BASED SYSTEMS THAT HAVE BEEN VERIFIED BY THE CALIFORNIA AIR RESOURCES BOARD (CARB). INFORMATION ABOUT CARB'S VERIFICATION PROGRAM AND THEIR LIST OF VERIFIFIED TECHNOLOGIES CAN BE FOUND AT THE ARB VERIFICATION PAGE. HTTP://WWW.ARB.CA.GOV/DIESEL/VERDEV/VERDEV.HTM CLOSED CRANKCASE VERTILATION FILTRATION (CCVF) SYSTEMS ARE EXEMPTED FROM EPA AND CARB VERIFICATION REQUIREMENTS.

EQUIPMENT : THE DIESEL EMISSION CONTROL DEVICES COVERED BY THIS CONTRACT INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:

- * DIESEL OXIDATION CATALYSTS (DOC)
- * ACTIVE OR PASSIVE DIESEL PARTICULATE FILTERS (DPF)
- * PARTIAL DIESEL PARTICULATE FILTERS
- * CLOSED CRANKCASE VENTILATION FILTRATION (CCVF) SYSTEMS.
- * DIESEL PARTICULATE FILTER CLEANING SYSTEMS
- * CLOSED CRANKCASE VENTILATION FILTRATION SYSTEM REPLACEMENT FILTER

******* STATE OF MARYLAND **********

BPO NO: 001B0400302

PRINT DATE: 10/20/09 **PAGE:** 03

TERMS (cont'd):

MEDIA

QUALITY CONTROL AND DOCUMENTATION:

- Α. THE VENDOR MUST CERTIFY THAT THE DIESEL EMISSION CONTROL DEVICES ARE COMPATIBLE WITH THE APPLICATIONS. THE VENDOR MUST PRESENT OEM CONCURRENCE THAT THE DIESEL EMISSION CONTROL DEVICES WILL NOT AFFECT OEM WARRANTIES ON VEHICLES AND ENGINES THAT ARE STILL UNDER WARRANTY.
- DIESEL EMISSION CONTROL DEVICES MUST CARRY A WARRANTY FOR AT LEAST ONE YEAR AGAINST FAILURE OF THE DEVICE TO MAINTAIN REQUIRED EMISSIONS TO MAINTAIN REQUIRED EMISSIONS REDUCTIONS AND AGAINST DAMAGE OR OTHER DEGRADED PERFORMANCE OF THE ENGINE OR OTHER COMPONENTS OF THE VEHICLE DUE TO THE PRESENCE OF ITS INSTALLATION.
- C. WHERE SHIPPING CONTAINERS ARE TO BE USED, EACH CONTAINER MUST BE MARKED WITH THE PURCHASE ORDER NUMBER, CONTRACT NUMBER, NAME OF THE CONTRACTOR, NAME OF THE ITEM, ITEM NUMBER AND QUANTITYCONTAINED THEREIN.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT THE MANUFACTURER COMPLIES WITH THE INSTRUCTIONS IN PARAGRAPH "C." ABOVE FOR ITEMS THAT ARE DROP-SHIPPED.
- THE STATE RESERVES THE RIGHT FOR SITE VISITS TO ANY VENDOR TO ASCERTAIN ABILITY TO FULFILL THE REQUIREMENTS OF THIS CONTRACT.

ALL PARTS INCLUDE INSTALLATION KITS.

ALL PRICES ARE F.O. B. DESTINATION AND INCLUDE ALL SHIPPING, HANDLING, AND ADMINISTRATIVE CHARGES UNLESS OTHERWISE NOTED ON THE LINE ITEM.

INSTALLATION OF PARTS IS NOT INCLUDED IN THIS CONTRACT.

REQUIRED DELIVERY TIME IS TO 8-12 WEEKS FROM RECEIPT OF INDIVIDUAL AGENCY ORDERS.

A REPORT MUST BE FURNISHED BY THE SUCCESSFUL VENDOR EVERY 3 MONTHS DETAILING THE PURCHASE OF ALL ITEMS ON THE CONTRACT. FORMAT SHALL BE AT VENDORS OPTION PROVIDING THAT, AS A MINIMUM, THE REPORT REFLECTS THE CONTRACT NUMBER, CONTRACT ITEM NUMBER, THE DOLLAR VOLUME PURCHASED OF EACH ITEM, AGENCY IDENTIFICATION, AND THE CONTRACT TOTAL. THE REPORT MUST BE FILED WITHIN THIRTY (30) DAYS AFTER THE END OF

******* STATE OF MARYLAND ***********

TERMS (cont'd):

EACH REPORTING PERIOD. ANY EXCEPTION TO THIS MANDATORY REQUIREMENT MAY RESULT IN CANCELLATION OF THE AWARD. FAILURE TO PROVIDE THE REPORT WITH THE MINIMUM REQUIRED INFORMATION MAY ALSO NEGATE ANY CONTRACT EXTENSION CLAUSES. ADDITIONALLY, VENDORS WHO ARE DETERMINED TO BE IN DEFAULT OF THIS MANDATORY REPORT REQUIREMENT WILL NOT BE ALLOWED TO BID ON ANY FUTURE REQUIREMENTS.

PURSUANT TO ARTICLE 41, SECTION 18-201 OF THE ANNOTATED CODE OF MARYLAND, EXCEPT AS PROVIDED IN (B) THE FOLLOWING ENTITIES MAY PURCHASE MATERIALS, SUPPLIES, AND EQUIPMENT UNDER THIS CONTRACT:

- (1) A COUNTY OR BALTIMORE CITY;
- (2) A MUNICIPAL CORPORATION;
- (3) A GOVERNMENTAL AGENCY IN THE STATE;
- (4) A PUBLIC OR QUASI-PUBLIC AGENCY THAT:
 - (I) RECEIVES STATE MONEY; AND
 - (II) IS EXEMPT FROM TAXATION UNDER SECTION 501(C)(3) OF THE INTERNAL REVENUE CODE:
- (5) A PRIVATE ELEMENTARY OR SECONDARY SCHOOL THAT:
 - (I) EITHER HAS BEEN ISSUED A CERTIFICATE OR APPROVAL FROM THE STATE BOARD OF EDUCATION OR IS ACCREDITED BY THE ASSOCIATION OF INDEPENDENT SCHOOLS; AND
 - (II) IS EXEMPT FROM TAXATION UNDER SECTION 501 (C)(3) OF THE INTERNAL REVENUE CODE:

OR

(6) A NONPUBLIC INSTITUTION OF HIGHER EDUCATION UNDER SECTION 17-106 OF THE EDUCATION AFTICLE.

A PRIVATE ELEMENTARY OR SECONDARY SCHOOL OR A NONPUBLIC INSTITUTION OF HIGHER EDUCATION MAY NOT PURCHASE RELIGIOUS MATERIALS UNDER THIS CONTRACT

THE RIGHT TO PURCHASE UNDER THIS SECTION SHALL BE IN ADDITION TO, BUT NOT IN SUBSSITUTION FOR, THE APPLICABLE PURCHASING POWER GRANTED TO ANY OF THE LISTED ENTITIES PURSUANT TO ANY STATUTORY OR CHARTER PROVISION.

ALL PURCHASES UNDER THIS CONTRACT BY ANY SUCH ENTITY WHICH IS NOT A UNIT OR AGENCY OF THE STATE OF MARYLAND FOR WHICH THE STATE OF MARYLAND MAY BE HELD LIABLE IN CONTRACT (1) SHALL NOT CONSTITUTE A PURCHASE OR CONTRACT BETWEEN THE CONTRACTOR AND THAT ENTITY ONLY, (2) SHALL NOT CONSTITUTE A PURCHASE OR CONTRACT OF THE STATE OF MARYLAND,

******* STATE OF MARYLAND **********

BPO NO: 001B0400302

PRINT DATE: 10/20/09 **PAGE**: 05

TERMS (cont'd):

(3) SHALL NOT BE BINDING OR ENFORCEABLE AGAINST THE STATE OF MARYLAND OR ANY OF ITS UNITS OR AGENCIES, AND (4) MAY BE SUBJECT TO OTHER TERMS AND CONDITIONS AGREED TO BY THE CONTRACTOR, AND THE PURCHASER. CONTRACTOR BEARS THE RISK OF DETERMING WHETHER OR NOT ANY ENTITY FROM WHICH THE CONTRACTOR RECEIVES AN ORDER UNDER THE CONTRACT IS A UNIT OR AGENCY OF THE STATE OF MARYLAND SUCH THAT THE CONTRACT MAY BE ENFORCED AGAINST THE STATE OF MARYLAND.

LINE # STATE ITEM ID U/M UNIT COST

0001 92045-MEMA00

EΑ

305,0000

DIESEL EMISSION CONTROL DEVICES:

FLEETGUARD #CV-51118 CLOSED CRANKCASE VENTILATION RETROFIT KIT

NOTE: REPLACEMENT CCV FILTER SECTION #CV50607 = \$32.00

0002 06038

EA

DIESEL EMISSIONS CONTROL DEVICES:

JOHNSON MATTHEY DIESEL OXIDATION CATALYST (ON-ROAD). FINAL DOC SIZING AND UNIT COST WILL BE VASED ON ENGINE HORSEPOWER AND BACKPRESSURE.

SEE ATTACHED FOR LINE 002.

******* STATE OF MARYLAND ***********

BPO NO: 001B0400302

PRINT DATE: 10/20/09

PAGE: 06

LINE #

STATE ITEM ID

U/M

UNIT COST

0003

06038

EΑ

DIESEL EMISSIONS CONTROL DEVICES:

JOHNSON MATTHEY CRT3 PASSIVE DPF (ON ROAD). FINAL DPF SIZING AND UNIT AND UNIT COST WILL BE BASED ON ENGINE HORSEPOWER AND BACKPRESSURE.

SEE ALL LINE 003 ATTACHMENTS.

0004 06038

EA

10,906.0000

DIESEL EMISSIONS CONTROL DEVICES:

HORIZON DPF KIT

REPLACEMENT FILTER = \$2647.00

0005

06038

EΑ

14,331.0000

DIESEL EMISSIONS CONTROL DEVICES:

CLEAIRE VISTA ACTIVE DIESEL PARTICULATE FILTER WITH DIESEL BURNER REGENERATION (ON ROAD)

REPLACEMENT FILTER = \$2647.00

0006 06038

EA

15,307.0000

DIESEL EMISSIONS CONTROL DEVICES

CLEAIRE LONGVIEW J PASSIVE DIESEL PARTICULATE FILTER WITH NOX REDUCTION (ON ROAD)

REPLACEMENT FILTER = \$6957.00 REPLACEMENT CATALYST = \$1186.00

******* STATE OF MARYLAND ***********

BPO NO: 001B0400302

PRINT DATE: 10/20/09

PAGE: 07

LINE # STATE ITEM ID U/M UNIT COST

0007

06038

EA

17,805.0000

DIESEL EMISSIONS CONTROL DEVICES

CLEAIRE LONGVIEW K PASSIVE DIESEL PARTICULATE FILTER WITH NOX REDUCTION (ON ROAD).

REPLACEMENT FILTER = \$7669.00 REPLACEMENT CATALYST = \$1654.00

0008 06038

EA

14,395.0000

DIESEL EMISSIONS CONTROL DEVICES

CLEAIRE SKYLINE ACTIVE DIESEL PARTICULATE FILTER WITH ELECTRIC HEAT REGENERATION (OFF ROAD)

REPLACEMENT FILTER = \$2647.00

0009 06038

EΑ

18,930.0000

DIESEL EMISSIONS CONTROL DEVICES

CLEAIRE PHOENIX ACTIVE DIESEL PARTICULATE FILTER WITH DIESEL BURNER REGENERATION (OFF ROAD)

REPLACEMENT FILTER = \$2647.00

0010

06038

EΑ

22,237.0000

DIESEL EMISSIONS CONTROL DEVICES

CLEAIRE LONESTAR J PASSIVE DIESEL PARTICULATE FILTER WITH NOX REDUCTION (OFF ROAD)

REPLACEMENT FILTER = \$6957.00 REPLACEMENT CATALYST = \$1186.00

BPO NO: 001B0400302

PRINT DATE: 10/20/09

PAGE: 08

LINE # STATE ITEM ID

U/M

UNIT COST

0011 06038

EA

25,800.0000

DIESEL EMISSIONS CONTROL DEVICES

CLEAIRE LONESTAR K PASSIVE DIESEL PARTICULATE FILTER WITH NOX REDUCTION (OFF ROAD)

REPLACEMENT FILTER = \$7669.00 REPLACEMENT CATALYST = \$1654.00

0012 06038

EA

18,028.0000

DIESEL EMISSIONS CONTROL DEVICES

CUMMINS LEVEL 1 SPX DPF CLEANING MACHINE

END OF ITEM LIST

****** LAST PAGE *****

AUTHORIZED BY:

BUYER AUTHORIZED DESIGNEE

DOC replacement mufflers

Kit pricing includes one DOC muffler, two muffler EasySeal tube clamps, and delivery.

NZCOCOZ	NCCOCOC NOTOCOCOC	2030031	NGCCCOZ	NGLCENZ	203355N	202952N	202931N	202653N	202637N	202605N	202150N	202025N	202024N	201985N	201861N	201860N	1		-	201376N	304378VI	2013520	201351N	N 67107	NZLOLOZ	NOOOLOZ	201000N	200972N	200971N	200968N	200967N	200925N	200921N	200916N	200913N	200911N	200910N	200909N	200908N	200907N	200848N	200316N	200217N	200216N	200215N	200191N	Assembly #	
OIE C		n in	LIE C	TITO	SIEO	SIEO	SISO	EIEO	EIEO	EIEO	EIEO	EIEO	EIEO	EISO	EIFO same side	FIFO same side	LICO, Sallie Side	OIEO	CIEO, Same side		חוויי	n n		FIEC	EISO	FIEC	FISO	SIEO	SIEO		EIEO, same side	EIEO	EIEO			EEO	EIEO	EIEO	EIEO	EIEO	EIEO	EIEO	SIFO			SIEO EIEO	Configuration	
201-2/5			2/6-350	201-275	201-275	276-350	276-350	201-275	201-275	75-150	200-250	351-500	351-500	201-275	276-350	200-230	_			276 250	275 275	201-275	2/6-350	/5-150	201-275	201-275	276-350	276-350	200-250	1		201-275	201-275	201-275	201-275	201-275	201-275	201-275	201-275	201-275	201-275	201-275	201-275	201-275	201 275	201-275	Range	Horsenower
9.50 x 6.00	9.50 x 6.00	7.50 × 7.00	10.50 x 6.00	9.50 x 6.00	9.50 x 6.00	10.50 x 6.00	10.50 x 6.00	9.50 x 6.00	9.50 x 6.00	7.00 x 6.00	(2) 8.00 × 6.0	(2) 10.50 x 6	(2) 9.50 x 6.0	9.50 x 6.00	10 50 x 6 00	0 50 × 6 00	10.50 X 6.00	9.50 x 6.00	10.50 x 6.00	10.50 x 6.00	9.50 x 6.00	9.50 x 6.00	10.50 x 6.00	7.00 x 6.00	9.50 x 6.00	9.50 x 6.00	10.50 x 6.00	10.50 x 6.00	(2) 8.00 x 6.09.	10.50 x 6.00	10.50 x 6.00	9.50 × 6.00	9.50 x 6.00	9.50 x 6.00	9.50 x 6.00	9.50 x 6.00	9.50 x 6.00	9.50 x 6.00	9.50 x 6.00	9.50 x 6.00	9.50 x 6.00	950 x 6.00	9.50 x 6.00	9.50 x 6.00	9.50 × 6.00	9.50 x 6.00		substrate
11.11 R	10 × 15 O	lα		10 x 15 O	10.11 R	- 1		4	5	4	_	_	1	10 11 0		10 x 15	14.11	10.11	١٠'	_	↓_	ı	-	7.61 R		9.0, 10.1 P	11.11	11.11	3.14 × 14.1	11	16 11	1111	3 3	┸	L		10 x 15 C		٠.	× 11.50 1			I٥	1	١	1	OD s	- 1
Round	Oval	Oval	Round	Oval	Round	Round	Round	Round	Oval	Round	Oval	Oval	Oval	Round	OVA	Ova	Round	Round	Oval	Oval	Round	Round	Python	Round	Round	Python	Round	Round)val	Round	Round	Round	Kound	Dogbone	Round	Dogbone	Oval	Round	Dogbone	Donhone	Dod o	Zould	Ova	Round	Oval	Round	shape	ı
33.00	25.50	32.00	44.50	36.00	42.00	44.50	33 80	36.00	36.00	19 00	29.00	26.00	28.00	20.00	30.00	26.00	36.00	30.00	26.00	23.00	36.00	36.00	44.50	26.00	28.00	30.00	33.00	27.80	33.00	34 00	22.00	20.00	36.00	32.08	44.50	27.08	26.00	36.00	80 CE	27.08	44.50	42.00	26.00	27.00	27.00	36.00		Device I
36.00	32.50	36.20	51.00	45.00	45.00	48.00	32 80	43 00	45.00	20 75	31 00	33 55	30.00	34.50	34.50	29.00	41.00	33.00	29.00	30.00	44.00	42.00	51.00	32.00	30.50	36.00	40.07	31.50	43.00	44 00	34.00	40.00	42.00	37.08	51.00	32.28	32.00	45.00	37.00	33.00	50.50	45.00	32.00	33.00	29.80	42.00		Device
4.00	4.00	3.50	4.00	5.00	5.00	400	F 100	4 00	7 4	4 4	4 00	7 CO	7 5	4.00	3.50	5.00	4.00	5.00	5.00	5.00	4.00	4.00	5.00	3.00	4.00	3.50	5.00	4 00	400	ח ה	3 4.00	4.00	4.00	3.50	5.00	2.75	5 00	4.50	4.5	4.00	4.00	4.00	4.00	4.00	4.00	3.00	inlet diameter	
4.00	4.00			5.00	5.00	300	5.00				200	7 0		5.00	4.00	5.00	4.00	5.00	5,00		4.00	5.00	5.00	3.00			5.00	5 00	4 20	30.00					5.00	4.00	5 00	4.00	4.00				4.00	4.00	5.00	4.00	outlet diameter	
12	36	6	ON CENTION CENT		9 6			C o		27.7	3 2	3 12	ON CENT	12	ON CENTI	12			12	12	ON CENTION CENT	ON CENTION CENT	ON CENTI	б	6	-		- מ	. -	5 د	ON CENT				Ĕ	Dual inlets	13 1	م ا	6		ON CENTE	12	12	12	5	6	inlet clocking	
12 ON CENTE	9	12	ON CENTE	6	ON CENT	SENT.	ON CENT	0 0	ON CENT	σ	0	, 0	12	6	6	6	Б	ON CENT	മ	6	ON CENT	ON CENT	ON CENTE	12	11	ON CENT	12	ON CENTE	6	1	ON CENTE	ON CENTE	6	12	ON CENTI	13	n o	12	12	ON CENT	ON CENTION CENTI	ON CENTE	6	6	12	12	outlet clocking	
4.0	1.9	2.5	0.0	3 2	4 A	0,0	0.0) S	0.0	4.0	3 6	3 3	0.0	1.5	1.5	3.0	2.8	5.0	3.0	3.3	0.0	0.0	0.0	1 5	2.4	0.0	0 0	, n	14./	2.5	0.0	0.0	2.5	2.5	0.0	Dual inlets	2 10	2.5	2.5	0.0	0.0				4.3		inlet offset	
0.0	4	2!	000	ي د	0.0	0.0	0.0	3.3	0.0	4.	ω	ω	6.	4.	4.	3.0	2	0	3.0																									2	ω	2	outlet offset	
HORIZONTAL	4 4 VERTICAL	2.5 HORIZONTAL	VERTICAL	3 1 VERTICAL	VEBTICAL	HORIZONIAL	0.0 HORIZONTAL	VERTICAL		4.0 HORIZONTAL	3.3 HORIZONTAL	3.3 HORIZONTAL	6.0 HORIZONTAL	4.5 HORIZONTAL	4.0 HORIZONTAL	VERTICAL	2.8 HORIZONTAL	0.0 HORIZONTAL	0 VERTICAL	3.5 VERTICAL	0.0 VERTICAL	0.0 VERTICAL	0.0 VERTICAL	1 5 HORIZONTAL	7 3 HORIZONTAL	TO HORIZONTAL	HORIZONTAL	4.0 VEKTICAL	2.9 VERTICAL	4.0 HORIZONTAL	0.0 HORIZONTAL	0.0 HORIZONTAL	2.5 HORIZONTAL	5 HORIZONTAL	0.0 HORIZONTAL	2.5 HORIZONTAL	2.5 HORIZONTAL	2.5 HORIZONTAL	2.5 HORIZONTAL	0.0 HORIZONTAL	0.0 HORIZONTAL	0.0 HORIZONTAL	4.2 HORIZONTAL	.5 HORIZONTAL		5 HORIZONTAI	Aftertreatment Tailpipe Orientation Orientati	
HORIZONTAL	VEBLICAL	HORIZONITAL	VERTICAL	VERTICAL	HORIZONIAL	VERTICAL	HORIZONTAL	VERTICAL	HORIZONTAL	VERTICAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	VERTICAL	VERTICAL	VERTICAL	VERTICAL	VERTICAL	VERTICAL	VERTICAL	VERTICAL	TONIZON AL	HORIZONIAL	HOBIZONITAL	VEXTICAL	VERTICAL	VERTICAL	VERTICAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONIAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	t Tailpipe Orientation	
\$913.00	4000000	9850.00	8013.00	\$1,186.00	\$1,186.00	\$1,186.00	\$859.00	\$913.00	\$913.00	\$1,773.00	\$2,029.00	\$1,773.00	\$1,186.00	\$1,186.00	\$913.00	\$1,773.00	\$1 186 00	\$013.00	61 186 00	\$1 185 00	9850 00	\$850.00	#1 131 DD	\$813.00	\$913.00	\$1, 1db.00	\$913.00	\$1,773.00	\$1,186.00	\$1,186.00	\$859.00	\$859.00	\$913.00	\$913.00	8913.00	\$913.00	\$859.00	\$913,00	\$913.00	\$859.00	\$913.00	\$913.00	\$913.00	\$913.00	\$913.00	\$850 OO	1-9	P
\$859.00	0000000	\$050.00	#859.00	\$1,121.00	\$1,121.00	\$1,121.00	\$859.00	\$859.00	\$859.00	\$1,364.00	\$1,523.00	\$1,364.00	\$1,121.00	\$1,121.00	\$859.00	\$1 354 00	4000000	60.00	2	400000	9000	# 1, 121.00	\$859.00	\$859.00	\$859.00	1	-	1	-	\$1,121.00	\$859.00	\$859.00	\$859.00	\$859.00	\$859.00	\$859.00	\$859.00	\$859.00	\$859.00	\$859.00	\$859.00	\$859.00	\$859 00	\$859.00	885000	00000	Ď	Price

	2050/1N	1000 IN	2050448	205009N	205008N	NOOCOL	300000	204999N	204919N		204634N	204633N	200	204632N	NO COLUM	304355	204079N	Z0400ZN		203977N	Z0392/N	110000	NFOZEOC	ZU3633N
	EIEO	הוטט	100	EISO	EIEO	EISO	200	EISO	EIEO, same side		SIFO	EISO		SIEO, same end	Elac	חפס	EIEO	EIEO		FIFO	ElEO, same side	רורס	CIECO	FEC
	201-275	351-500		201-275	351-500	151-250	2000	276-350	e 201-275	1	201_275	201-275	1	351-500	2/6-350	020	151-250	201-275	101-200	151_250	e 151-250	0.17-1.07	270	201-275
	9.50 x 6.00	(2) 10.50 x 6.	0.00 % 0.00	9 50 × 6 00	(2) 10.50 x 6	7.50 x 7.00		10 50 v 6 00	9.50 x 6,00	0.00 X 0.00	0 50 4 600	9.50 x 6.00	14/0.00 0.00	12) 9 50 4 6 1	10.50 x 6.00	100000000000000000000000000000000000000	7 50 x 7 00	9.50 x 6.00	7.00 X 7.00	- 1	7.50 x 7.00	8.50 X 6.00	0.00	00 8 v 03 6
L	10.11 Round	11.11 Round	i vouit	1	11.11 Rounc	B.25 x 11.5(Oval	i i i i i i i i i i i i i i i i i i i	- 1	10 x 15 Oval	IO X IO OVAI	- 1	10 x 15 Oval	TO A TO CYAI	10 < 15	11.11 Round	0.1.		10 x 15 Oval	DVO NOT 1 X CZ of	25	B.25 x 11.5(Oval	10.11 Round	ı	11 11 00:
		nd 37.00	30.00		ă	32.00	39.00		30 00	26.00	1	30 00	32.00		nd 41.00	10.00	1	44 50	27.10			nd 44.50		
ſ		40.00	39.00	Ī		34.50	30.00	1		29.80	Ī	32 50	32.80		00 44.10	75.57	T		32.30	T		50.10	42.00	1
1.00	4 00	5.00	4.00		200	3.50	4.00	1.00	3	4.00	0.00	3.50	5.00	200	5.00	4.00	200	200	(2) 2.75	0.00	3 50 0	5.00	4.00	. 22
COOLOR CENTION CENT	5 00 ON CENTRON CENTR		5.00 ON CENTE 12	COO ON CENTRON CENT	E DO ON OF NET ON OF NET	4 00 6 9	5.00 CN CENT(12	0.00		5.00 11 6	4.00	0	5.00	0.00	5 00 ON CENTER	4.00 ON CENTION CENTI	0.00		4.00 12 12	1.00	٠,	5.00 ON CENTRON CENT	4.00 ON CENTES	
0.0	0.0	0	0.0	U.O	7.0	J D	0.0	ij		4.6	2.5		49	0.0	00	0.0	4.0	0.0	3	2.5	2 0	0.0	0.0	
O.O.IVERTICAL	O.O. FORIZON FAL	E O HOBIZONITAL	17 O HORIZONTAL	U.U VERTICAL	1	- 1	17.0 HORIZONTAL	4.0 HORIZON I AL	1	4 6 HORIZONTAL	3.3 HORIZONTAL	0.1	3 A HORIZONTAL	1.0 VEXTICAL	7 O VEDTICAL	0.0 HORIZONTAL	4.0 HORIZON AL	E.O. LOUIZON TAL	2 E HORIZONITAL	2.5 HORIZON I AL	O.O. VENTIONE	OUCCLION	2.5 HORIZONTAL	
VERTICAL	HORIZONIAL		Either	VERTICAL	HORIZONIAL	TO SECOND	HORIZONTAL	HORIZONTAL	I JONIZON AL	HOBIZONTAL	HORIZONTAL	- IONIZON AL	HOBIZONITAL	VERTICAL	TO THE OWNER OF THE OWNER OF THE OWNER	HORIZONTAL	HORIZONTAL	- IONIZON FAL	HOBIZONITAI	HORIZONTAL	VERTICAL	VEDTICAL	HORIZONTAL	
\$913.00	\$2,029.00 \$1,523.00	\$010.00	6013 00	\$2,029.00 \$1,523.0	\$913.00	€1, 100.00		\$913.00	9813.00	_	\$913.00	\$1,773,00 \$1,364.00	27 27 00	\$1,186.00 \$1,121.0	WO 10.00	4	\$913.00	90.00	200	\$913.00	\$913.00	1	\$013.00	
\$859.00	\$1,523.00	00.800	2000	\$1,523.00	\$859.00	\$1,121.00	201	\$859.00	\$659.00	2000	\$859.00	\$1,354.UU		\$1,121.00	6000	00 0789	\$859.00	\$659.00		\$859 00	\$859.00	9000	4850 OO	

Cummins Emission Solutions passive CRT3 DPF with Johnson Matthey EPA & CARE Installation or 2 day customer training by a Cummins LLC factory trained technician r

9.5" CRT3 Kit contains all parts necessary to complete installation.

<u>Description</u>	Quantity
Inlet Cone	1
Catalyst Section	1
Filter Section	1
Gaskets	3
Clamps	. 3
12vDPFM	1
Outlet Cone	1
Band Clamps	2
Hanger or Mounting Bracket	2
Insulation Wrap	1

Total Price per 9.5" CRT3 Kit \$7,087.21 per kit

^{*}Requires exhaust temperatures of 240 Celsius atleast 40% of filter operating time. Data logging may **Catalyst size is dependent on engine horse power and backpressure.

Cummins Emission Solutions passive CRT3 DPF with Johnson Matthey EPA & CARE Installation or 2 day customer training by a Cummins LLC factory trained technician r

10.5" CRT3 Kit contains all parts necessary to complete installation.

<u>Description</u>	Quantity
Inlet Cone	1
Catalyst Section	1
Filter Section	1
Gaskets	3
Clamps	3
12vDPFM	1
Outlet Cone	1
Band Clamps	2
Hanger or Mounting Bracket	2
Mounting Spine	1
Insulation Wrap	1

Total Price per 10.5" CRT3 Kit \$7,492.10 per kit

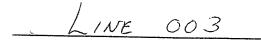
*Requires exhaust temperatures of 240 Celsius atleast 40% of filter operating time. Data logging may **Catalyst size is dependent on engine horse power and backpressure.

Cummins Emission Solutions passive CRT3 DPF with Johnson Matthey EPA & CARB Installation or 2 day customer training by a Cummins LLC factory trained technician re-

12.0" CRT3 Kit contains all parts necessary to complete installation.

<u>Description</u>	Quantity
Inlet Cone	1
Catalyst Section	1
Filter Section	1
Gaskets	3
Clamps	3
12vDPFM	1
Outlet Cone	1
Band Clamps	2
Hanger or Mounting Bracket	2
Mounting Spine	1
Insulation Wrap	1

Total Price per 12.0" CRT3 Kit \$8,432.00 per kit



^{*}Requires exhaust temperatures of 240 Celsius atleast 40% of filter operating time. Data logging may be **Catalyst size is dependent on engine horse power and backpressure.

9.5" CRT3 replacement filter and replacement catalyst price. Shipping included.

<u>Description</u>

Price Per Spare

9.5" Filter Section

\$3,628.00

9.5" Catalyst Section

\$4,487.00

10.5" CRT3 replacement filter and replacement catalyst price. Shipping included.

DescriptionPrice Per Spare10.5" Filter Section\$3,932.00

10.5" Catalyst Section \$5,152.00

12.0" CRT3 replacement filter and replacement catalyst price. Shipping included.

DescriptionPrice Per Spare12.0" Filter Section\$4,298.00

12.0" Catalyst Section \$5,518.00